FIG. 1

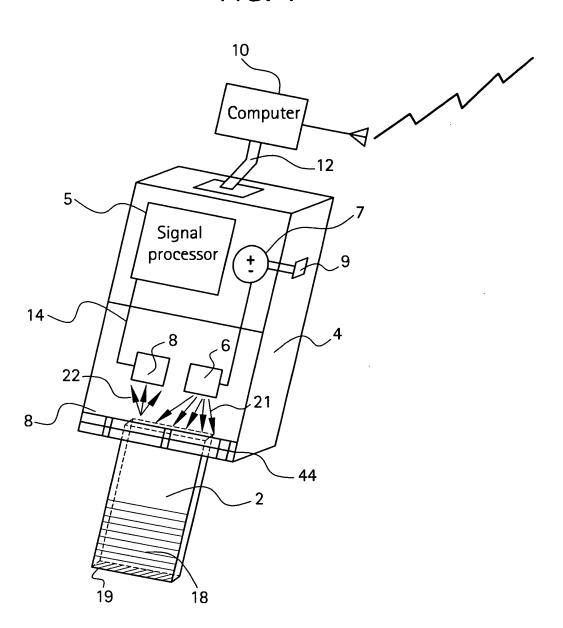
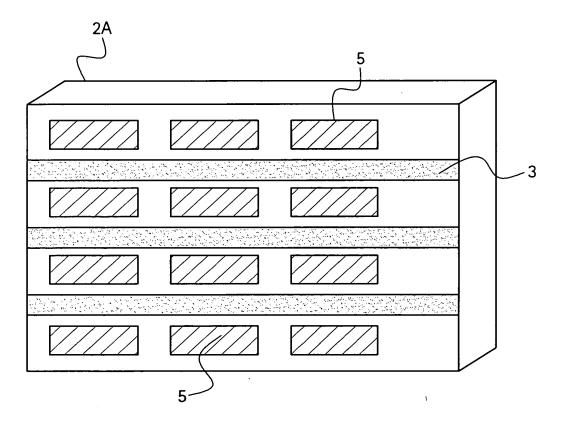


FIG. 2



1

FIG. 3

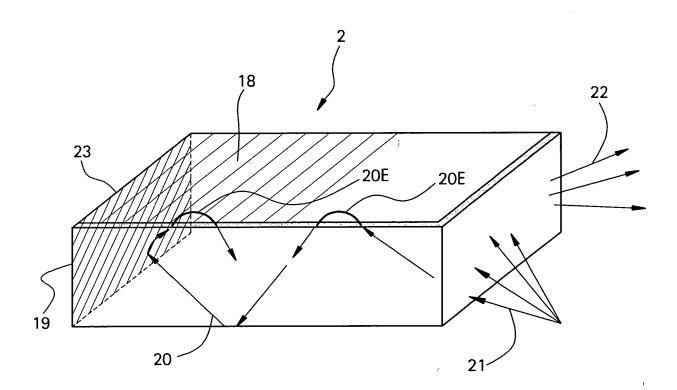


FIG. 4

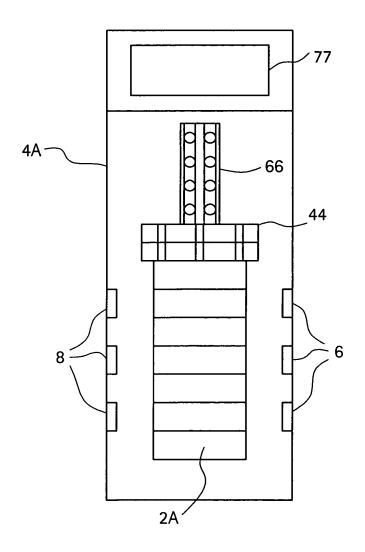


FIG. 5

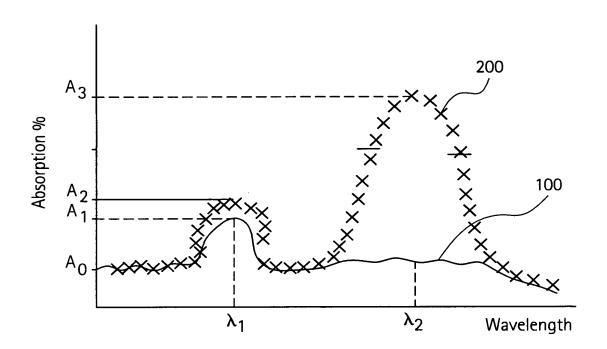


FIG. 6

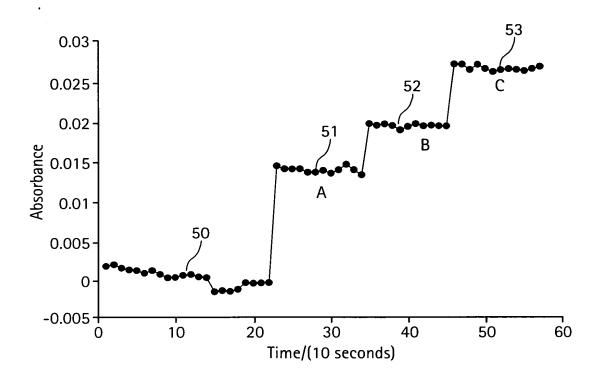


FIG. 7

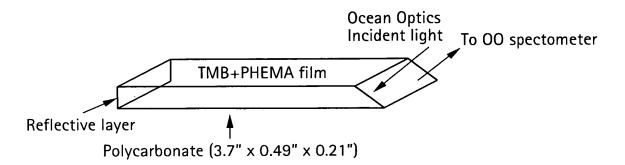


FIG. 8 0.18 0.16 110 0.14 sample spectrum 0.12 Absorbance 80.0 80.0 120 0.06 baseline 0.04 0.02 o ↓ 500 550 600 750 800 650 700 Wavelength/nm

FIG. 9

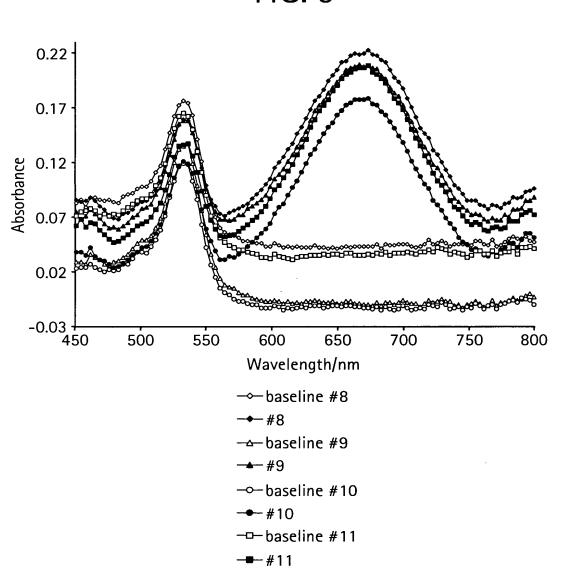
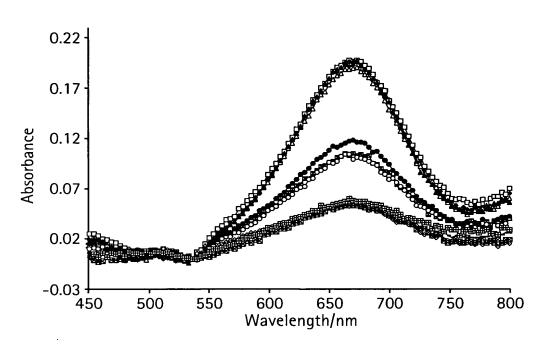
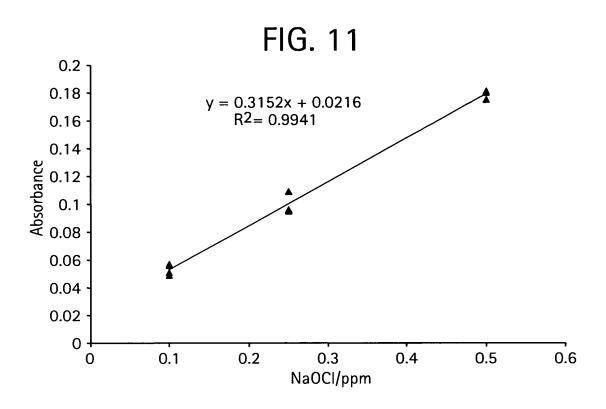


FIG. 10



- → 0.5 ppm NaOCI, #8
- --- 0.5 ppm NaOCl, #9
- 0.5 ppm NaOCI, #10
- → 0.5 ppm NaOCl, #11
- 0.25 ppm NaOCI, #5
- 0.25 ppm NaOCl, #6
- → 0.25 ppm NaOCI, #7
- -- 0.1 ppm NaOCI, #1
- -- 0.1 ppm NaOCl, #2
- → 0.1 ppm NaOCl, #3
- -- 0.1 ppm NaOCl, #4

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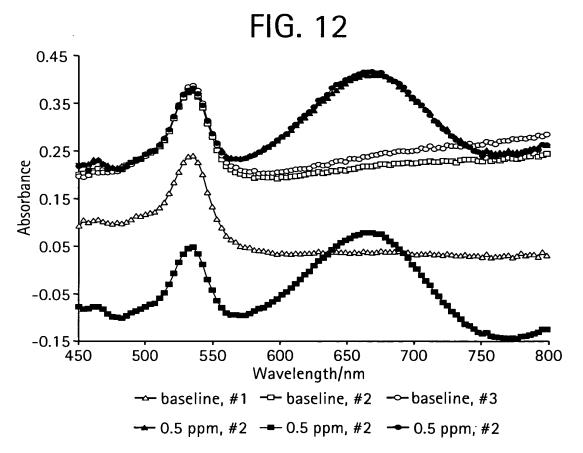


FIG. 13

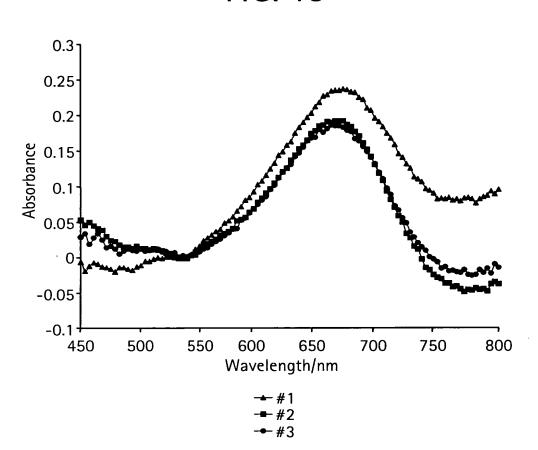
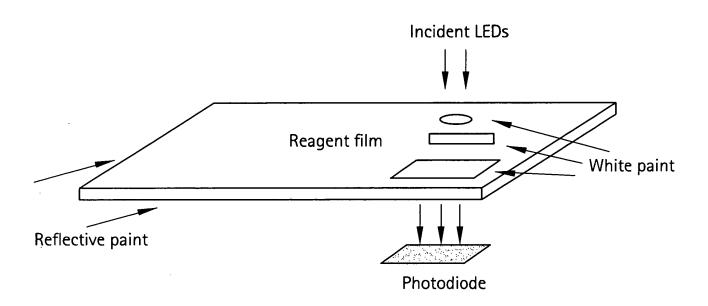


FIG. 14



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FIG. 15

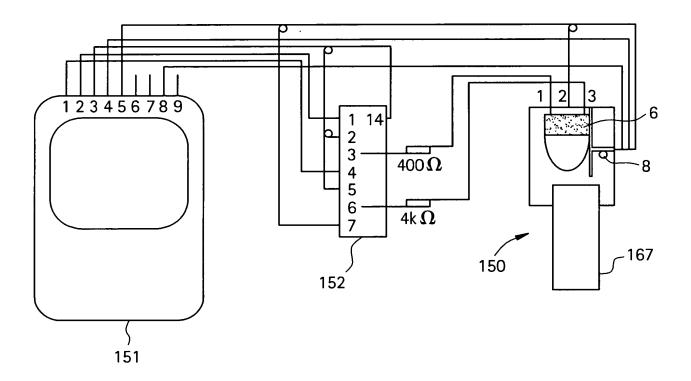


FIG. 16

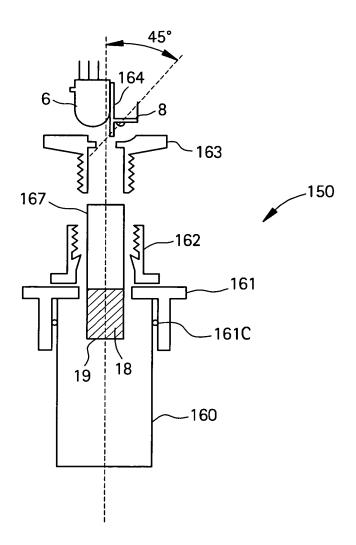


FIG. 17

